

SEQUENCE LISTING

<110> Daniel H. Cohn
Muhammad Faiyaz ul Haque
Lily M. King
Deborah Krakow

<120> 3-PHOSPHOADENOSINE-5-PHOSPHOSULFATE
(PAPS) SYNTHETASE PROTEINS AND METHODS FOR TREATING
OSTEOARTHRITIC DISORDERS

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35 40 45
Gly Leu Ser Gly Ala Gly Lys Thr Thr Ile Ser Phe Ala Leu Glu Glu
50 55 60
Tyr Leu Val Ser His Ala Ile Pro Cys Tyr Ser Leu Asp Gly Asp Asn
65 70 75 80
Val Arg His Gly Leu Asn Arg Asn Leu Gly Phe Ser Pro Gly Asp Arg
85 90 95
Glu Glu Asn Ile Arg Arg Ile Ala Glu Val Ala Lys Leu Phe Ala Asp
100 105 110
Ala Gly Leu Val Cys Ile Thr Ser Phe Ile Ser Pro Phe Ala Lys Asp
115 120 125
Arg Glu Asn Ala Arg Lys Ile His Glu Ser Ala Gly Leu Pro Phe Phe
130 135 140
Glu Ile Phe Val Asp Ala Pro Leu Asn Ile Cys Glu Ser Arg Asp Val
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50 55 60
Glu Tyr Leu Val Ser His Ala Ile Pro Cys Tyr Ser Leu Asp Gly Asp
65 70 75 80
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Val Lys Gly Leu Tyr Lys Arg Ala Arg Ala Gly Glu Ile Lys Gly Phe
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